

**Flood Control Project Maintenance  
Levee Inspections**

**Fall 2015 Levee Maintenance Deficiency Summary Report**

**Overall LMA & Unit Ratings, including USACE Erosion Survey**

***Sacramento River Basin***

<b>ST0004</b>	Overall LMA Rating	Total LMA Miles						
<b>Sacramento Maintenance Yard East Levee Yolo Bypass</b>	<b>A</b>	<b>2.01</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Encroachments	0.01		0.01	0.50%				
Animal Control	0.01		0.01	0.50%				
<i>LMA Totals:</i>	0.02	0.00	0.02	0.99%	0.00	0.00	0.00	0.00

**Flood Control Project Maintenance  
Levee Inspections**  
**LMA District Cover Sheet**  
**Fall 2015 Levee Inspection Results**

**Sacramento Maintenance Yard East Levee Yolo Bypass**

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	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			A	

\*\* Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

\*  
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2015 Levee Inspection Results**

**Sacramento Maintenance Yard East Levee Yolo Bypass**

Waterway			Bank	Unit Miles
Unit No. 01 Yolo Bypass			Left	2.01
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	04/15/2015 - 04/15/2015		09/30/2015 - 09/30/2015	
DWR Inspector	Jai Lor		Jai Lor	
Accompanied By	Ted Skidgel Sacramento Maintenance Yard			

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
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**Levee Inspection Report By Mile - Fall 2015**

**Sacramento Maintenance Yard East Levee Yolo Bypass**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	2.01	09/30/2015 09/30/2015	Jai Lor

LM Start		Rating **	A	Issue No.	3
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_ST0004_01_s _ 2013_3				
Action/Comments					
Inspector Comments: The Sacramento Maintenance Yard has the levee manuals.					

No Photos

LM Start		Rating **	A	Issue No.	4
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_ST0004_01_s _ 2013_4				
Action/Comments					
Inspector Comments: The Sacramento Maintenance Yard maintains a stockpile of flood response material.					

No Photos

LM Start		Rating **	A	Issue No.	5
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_ST0004_01_s _ 2013_5				
Action/Comments					
Inspector Comments: The Sacramento Maintenance Yard has a written response plan and regular flood response training.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
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**Levee Inspection Report By Mile - Fall 2015**

**Sacramento Maintenance Yard East Levee Yolo Bypass**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	2.01	09/30/2015 09/30/2015	Jai Lor

LM Start	0.00	Rating **	A	Issue No.	1
LM End	2.02	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.765290 °	38.736216 °
				-121.635073 °	-121.633685 °
DWR ID	DWR_ST0004_01_f_2015_1				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Vegetation on slope has been burned.					

Photo 1 of 1 : FA\_2015\_ST0004\_41\_1\_20151005\_00002.jpg



View of the vegetation on the waterward side of the levee looking upstream. Fall 2015.

LM Start	0.00	Rating **	A	Issue No.	2
LM End	2.02	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.765288 °	38.736216 °
				-121.635073 °	-121.633684 °
DWR ID	DWR_ST0004_01_f_2015_2				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Vegetation on slope has been burned.					

Photo 1 of 1 : FA\_2015\_ST0004\_41\_2\_20151005\_00003.jpg



View of the vegetation on the landward side of the levee looking upstream. Fall 2015.

LM Start	1.42	Rating **	M	Issue No.	7
LM End	1.42	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.744863 °	38.744863 °
				-121.634251 °	-121.634251 °
DWR ID	DWR_ST0004_01_f_2015_7				
Action/Comments					
Tree or limb					

Photo 1 of 2 : FA\_2015\_ST0004\_41\_7\_20151005\_00005.jpg



Perspective view of the broken tree on the waterward side of the levee looking upstream. Fall 2015.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
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**Levee Inspection Report By Mile - Fall 2015**

**Sacramento Maintenance Yard East Levee Yolo Bypass**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	2.01	09/30/2015 09/30/2015	Jai Lor

LM Start	1.42	Rating **	M	Issue No.	7 (cont)	
LM End	1.42	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.744863 °		38.744863 °
				-121.634251 °		-121.634251 °
DWR ID	DWR_ST0004_01_f_2015_7					
Action/Comments						
Tree or limb						

Photo 2 of 2 : FA\_2015\_ST0004\_41\_7\_20151005\_00007.jpg



The tree is broken on the waterward side of the levee. Fall 2015.

LM Start	1.65	Rating **	M	Issue No.	6
LM End	1.65	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.741579 °	38.741579 °
				-121.634007 °	-121.634007 °
DWR ID	DWR_ST0004_01_f _ 2015_6				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA\_2015\_ST0004\_41\_6\_20151005\_00004.jpg



View of the rodent holes on the landward side of the levee looking upstream. Fall 2015.

LM Start	1.68	Rating **	C	Issue No.	104
LM End	2.02	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.741080 °	38.736103 °
				-121.634018 °	-121.633682 °
DWR ID	DWR_ST0004_01_s_2015_104				
Action/Comments					
Add appropriate gravel or road base. Grade and compact.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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